

as this he wanted in some of the
warm or tropical countries?
In preparing the seed warmish
albumen &c. was poured on it
& then 2 or 3 of the seeds let fall
separately into flour which
is of course too much trouble,
but this could I believe be done
very well by machinery in-
vented for that purpose.

On a mode of preventing
the ravages of the Turnip Fly.

I have written a paper which
was printed in The Gardener's Chronicle
etc I think somewhere between 1850
& 55 on this subject but I cannot
at present refer to it.

The plan is to cover the seed with
gum, albumen or warmish so as
to make a coat to it. By this
it lies in the ground & does not
germinate till a heavy rain comes
on & there being then plenty of
moisture it will grow very rapidly
& faster than the Turnip Fly can
consume it & so escape destruction;
The Turnip Fly is a small beetle.

This does not appear to have attracted
attention perhaps because some
farmers say they can always
grow as many Turnips as they

want but there are certainly
many exceptions as the corn
plants every year. In such a
periodical however as the *Gardener's*
Chronicle probably very few
of them ever saw or heard of it.

But it has occurred to me that
it would equally well secure
a full plant of other agricultural
produce such as Mangel Turnip
or Beet which die more or
less if it comes up in very dry
weather, because seed so protected
would not germinate till a heavy
rain fell. Are there were any
complaints in America of the
failure of the Beet, Turnip or
other crops from the dryness of
the weather?

By sowing a mixture of $\frac{1}{3}$
naked seed, $\frac{1}{3}$ seed covered with
a thick solution of Gum Sta-

lic, & $\frac{1}{3}$ seed covered with a re-
sinous varnish or a solution of
any kind of resin, three crops come
up at different times. The seed
covered with varnish or resin
of course last & not till one
or two heavy rains have fall-
en when they grow very rapidly
& escape both the ravages of
all insects & also destruction
from dry weather.

As showing how successful
this plan is, I may mention
that seed covered with wax
lies in the ground too long re-
quiring several heavy rains to
bring it up, & I should suppose
that a part of it would be with-
out germinating for a whole
year
May not such an expedient